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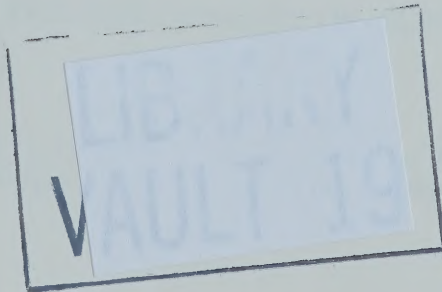
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Inventory of Resource Conservation and Development Programs. 1



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INVENTORY OF RESOURCE CONSERVATION AND DEVELOPMENT PROGRAMS



Alberta

DEPARTMENT OF AGRICULTURE

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**INVENTORY OF RESOURCE
CONSERVATION**

AND

DEVELOPMENT PROGRAMS

Prepared

By

RESOURCE CONSERVATION AND UTILIZATION BRANCH

PROGRAM DEVELOPMENT DIVISION

ALBERTA DEPARTMENT OF AGRICULTURE

HON. H. E. STROM
Minister

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Deputy Minister



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An inventory of provincial and federal government programs designed to bring together the various means of assistance available to the farmer for the conservation and development of the provinces natural resources.

- Objectives
- Available Assistance
 - Technical
 - Financial
- Procedures
- Who to Contact
- A.R.D.A.

OBJECTIVES:

1. To compile available program information to complement service information available to the farming public.
2. To promote and foster the effective conservation and efficient utilization of the province's land, forest, water and wildlife resources which are related to agriculture.
3. To provide technical services and financial assistance for the optimum development of these resources for the benefit of the individual and the community.

AVAILABLE ASSISTANCE:

Technical — Land Resources:

1. Land Use Capability Classification — maps published by Federal ARDA showing the capability of land for agricultural and forestry purposes and its suitability for recreation and wildlife. Maps available at offices of the Canada Land Inventory Co-ordinator, Alberta Department of Agriculture; Alberta Department of Lands and Forests or the Alberta Soil Survey.
2. Alberta Soil Survey — detailed maps describing the soil, drainage, topography, climate, vegetation and related factors of specific settled areas in Alberta. University of Alberta, Alberta Research Council and Canada Department of Agriculture.
3. Soil Testing Service — diagnostic soil analysis related to fertility and salinity. Plant Industry Division, Alberta Department of Agriculture.
4. Weed Surveys — information providing location and degree of persistent weed infestations. Plant Industry Division, Alberta Department of Agriculture.

5. Gully Filling — demonstrating the principles of soil conservation on water eroded lands. Plant Industry Division, Alberta Department of Agriculture.
6. Public Lands Settlement Service — guidance is given to lessees and settlers on public lands in regards to available assistance, regulations, agricultural practices, and farm and range management. Lands Division, Alberta Department of Lands and Forests.
7. Range Survey — detailed calculation of grazing capacity and range management extension service to lessees of public land, Lands Division, Alberta Department of Lands and Forests.

Financial — Land Resources:

1. Land Use Planning — advice and assistance in the planning of orderly and economical development of regions and municipalities within Alberta, is shared between the Provincial Planning Office and Board, Regional Planning Commissions and Municipal Planning Commissions. Costs of operation and special projects are shared 60 percent by the province and 40 percent by the local municipalities. The Provincial Planning Office and Regional Planning Commission are also the approving authorities in respect to the subdivision of land. Planning Office, Department of Municipal Affairs.
2. Roadside Seeding and Weed Control — supply of forage seed to counties, municipalities and improvement districts for the control of weeds along roadsides. Plant Industry Division, Alberta Department of Agriculture.
3. Weed Control Using Forage Crops — reclamation of weed infested soils by planting forage crops. Costs shared with farmer on 50/50 basis subject to municipal and acreage restrictions. Plant Industry Division, Alberta Department of Agriculture.
4. Tree Planting — supply of farmstead, field and roadside shelter-belt trees and some shrubs upon application and satisfactory land preparation. Plant Industry Division, Alberta Department of Agriculture.
5. Soil Reclamation — supply of forage seed and fertilizer for the conservation and reclamation of 20 acres on farms located in improvement districts. Cost shared with farmer on 50/50 basis. Plant Industry Division, Alberta Department of Agriculture.
6. Grazing Lease Improvement Grants — the seeding of abandoned cultivation, water development and clearing trails on native public grazing leases. The farmer is reimbursed in rental credit for 25 percent of his actual cost and may also grow cash crops for up to five years on lands developed at his expense without additional rental, providing that the lands are subsequently seeded to forage crops. Lands Division, Alberta Department of Lands and Forests.

7. Homestead Lease Loans — for the breaking and clearing of public homestead lands if qualified under the act. Interest bearing 10 year loan, not exceeding \$2,000 per applicant. Lands Division, Alberta Department of Lands and Forests.
8. Community Pasture Lease Improvements — the seeding, water development, clearing trails and other methods of increasing carrying capacity on native range public grazing leases held by legally incorporated grazing associations. Costs are shared on a one-third basis with the association, provincial and federal governments. Lands Division, Alberta Department of Lands and Forests.
9. Fencing Loan — a 10 year, non-interest bearing repayable loan for fence wire and fenceline clearing available to legally incorporated grazing associations holding leases on public grazing lands. Lands Division, Alberta Department of Lands and Forests.
10. Land Assembly — enabling provincial government to purchase agricultural lands for a more effective use of land, forest, water and wildlife resources. Resource Conservation and Utilization Branch, Alberta Department of Agriculture.

Technical — Land and Water Resources:

1. Aerial Photograph and Map Sales — provides maps and aerial photographs of Alberta for use in assessment, planning and farm development and management. Technical Division, Alberta Department of Lands and Forests.
2. Farm Surface Drainage — provides surveys, designs and advice to individuals and farm groups for the control of casual runoff detrimental to farming operations, and road maintenance. Water Resources Division, Alberta Department of Agriculture.
3. Irrigation Development — provides the planning and development of farm surface and sprinkler irrigation systems; appraisals of land for these purposes and the necessary engineering surveys. Water Resources Division, Alberta Department of Agriculture.
4. Soils and Drainage Services — provides for the investigation of lands subject to seepage, flooding and ground water problems, soil analysis and the classification of irrigation soils. Water Resources Division, Alberta Department of Agriculture.
5. Irrigated Land Management — guidance is given to farmers on irrigation lands in regards to available assistance, agricultural and irrigation practices and land management. Water Resources Division, Alberta Department of Agriculture.
6. Irrigation Gauge Forecasts — the measurement of evapotranspiration and rainfall to forecast the time of irrigation, made available through the facilities of radio, press and television. Water Resources Division, Alberta Department of Agriculture.

Financial — Land and Water Resources:

1. Alberta Water Control Assistance Program — provides engineering and financial assistance for various forms of drainage, irrigation, water supply or flood control works to local authorities. Costs are shared 25 percent local, 37½ percent provincial and 37½ percent federal. Water Resources Division, Alberta Department of Agriculture.
2. Irrigation Project — assistance paid on the construction of irrigation works for earth excavated, rock work, and culverts and gates to a maximum grant of \$600. Assistance is also available for the repairs of these structures. P.F.R.A., Canada Department of Agriculture.
3. Neighbor Water Projects — similar to above with a maximum grant of \$1,000. P.F.R.A., Canada Department of Agriculture.
4. Community and Municipal Projects — engineering and share of construction costs of water projects borne by the P.F.R.A., Canada Department of Agriculture.

Technical — Water Resources:

1. Water Rights Administration — licenses the diversion of all water and regulates the supply thereof. Available for the settlement of water diversion conflicts. Water Resources Division, Alberta Department of Agriculture.
2. Water Wells — licenses water well drillers and provides ground water information on specific sites. Water Resources Division, Alberta Department of Agriculture.
3. Shallow Well Testing — the investigation and design of shallow water supplies for domestic and agricultural use. Water Resources Division, Alberta Department of Agriculture.

Financial — Water Resources:

1. Dugout and Stock Watering Dams — engineering services and \$300 assistance paid on construction costs. On community projects, the entire costs may be paid by the P.F.R.A. P.F.R.A., Canada Department of Agriculture.
2. Wetlands Rights Service — provides annual cash payments to land owners for wetland preservation for the propagation of waterfowl in specific areas of Alberta. Negative easements are arranged for ten year periods. Canadian Wildlife Service.

Technical — Forestry:

1. Range Management Service — range management surveys, advice and control on native range in the forested area including the forest reserves. Forestry Division, Alberta Department of Lands and Forests.
2. Farm Woodlot Extension Service — provides guidance and management advice to farmers interested in farm woodlot development for watershed protection and wood production. Forestry Division, Alberta Department of Lands and Forests.

Technical — Wildlife:

1. Fish and Wildlife Conservation — provides technical advice to farmers and ranchers who wish to develop farm shelterbelts suitable to the production of wildlife and for stream bank protection. Fish and Wildlife Division, Alberta Department of Lands and Forests.

Financial — Wildlife:

1. Wildlife Control Service — provides, at no cost to the landowner, the control of beavers that cause damage to water control structures and channels. Fish and Wildlife Division, Alberta Department of Lands and Forests.
2. Wildlife Damage Fund — provides compensation for farmers and ranchers for damage to their crop or livestock through wildlife or hunters. Fish and Wildlife Division, Alberta Department of Lands and Forests.
3. Wetlands Right Service — provides annual cash payment to landowners for wetland preservation for the propagation of waterfowl in specific areas of the province. Negative easements are arranged for 10 year periods. Canadian Wildlife Service.
4. Ducks Unlimited Service — constructs approved water control structures for duck propagation on farmer, rancher or public owned lands, which can also be used for stock watering dams and other multi-uses pertaining to water. There is no charge to the farmer or others affected. Ducks Unlimited (Canada).

WHO TO CONTACT

The department or agency stated in the program description is the proper administrative agency to contact. In many cases the District Agriculturist will have additional information and can advise to whom application can be made, or from whom additional information can be received. Agricultural Service Boards, District Land Supervisors, Fish and Wildlife Officers, District Irrigationists and Forest Superintendents are local resources personnel who can be of specific assistance.

A.R.D.A.

Many of the provincial programs described receive federal financial assistance through A.R.D.A. For this reason, requests for assistance on community projects should be channelled through existing provincial programs. Proposals for A.R.D.A. assistance must be compatible with provincial governments policy for acceptance. The Federal-Provincial Rural Development Agreement outlines the basic areas of assistance. Locally initiated community proposals, which are not served by existing provincial programs, but which are compatible to the Federal-Provincial Agreement must be submitted to the Alberta A.R.D.A. Advisory Committee for study and approval.

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